LG
Life's Good

ENGLISH
ESPAÑOL

OWNER'S MANUAL
WASHING MACHINE

Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the washer is installed correctly and safely.
Leave these instructions near the washer after installation for future reference.

WT1101CW

P/No.: MFL67221352

www.lg.com

PRODUCT FEATURES

INVERTER DIRECT-DRIVE MOTOR

The inverter motor, which is directly connected to the tub, minimizes energy loss and produces little noise and vibration.

SMARTDIAGNOSIS™

Should you experience any technical difficulty with your washing machine, it has the capability of transmitting data by phone to the Customer Information Center. The call center agent records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis (Refer to page 35).

TUB CLEAN

Regular cleaning of the tub on a monthly basis using TUB CLEAN will keep the tub clean and fresh.

CHILD LOCK

Use this option to disable the controls during a wash cycle. This option can prevent children from changing cycles or operating the machine.

SMARTRINSE™ WITH JET SPRAY

This washer is designed to save rinse water by using the SMARTRINSE™ with jet spray in COTTON/NORMAL and HEAVY DUTY cycles.

FULL STAINLESS STEEL DRUM

The Full stainless steel drum offers extreme durability.

ENGLISH

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠ WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, injury to persons, or death.

Your Safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

⚠ This is the safety alert symbol.
This symbol alerts you to potential hazards that can kill or hurt you and others.
All safety messages will follow the safety alert symbol and either the word DANGER, WARNING or CAUTION.
These words mean:

⚠ DANGER

You will be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

⚠ CAUTION

You may be slightly injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

BASIC SAFETY PRECAUTIONS

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following.

- Use this appliance only for its intended purpose as described in this owner's Manual.
- **Before use, the washer must be properly installed as described in this manual.**
- **Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances,** as they give off vapors that could ignite or explode.
- **Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water.** These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. **If the hot water system has not been used for such a period, before using the washer, turn on all hot water faucets and let the water flow from each for several minutes.** This will release any accumulated hydrogen gas. As the gas is flammable, **do not smoke or use an open flame during this time.**
- **Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.**
- **Before the washer is removed from service or discarded, remove the lid to prevent children from climbing inside.**
- **Do not install or store the washer where it will be exposed to the weather or freezing temperatures.**
- **Do not tamper with controls.**
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.
- **Do not repair or replace any part of the washer or attempt any servicing other than as described in this manual.** We strongly recommend that any service be performed by a qualified technician.
- **See Installation Instructions for grounding requirements.**
- **ALWAYS follow the fabric care instructions supplied by the garment manufacturer.**
- **Do not place items exposed to cooking oil in your washer.** Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- **Use fabric softeners or products to eliminate static only as recommended by the manufacturer.**
- This washer is not designed for maritime use or for mobile installations such as in RVs, aircraft, etc.
- **Turn off the water faucets and unplug the washer if the machine is to be left for an extended period of time, such as during vacations.**
- **Do not use to dry articles containing foam rubber or similarly textured rubber-like materials.**
- Packaging material can be dangerous for children. There is a risk of suffocation! **Keep all packaging from children.**
- **Always check the inside of the washer for foreign objects before loading laundry. Keep the lid closed when not in use.**
- **Do not reach into the appliance if the tub or agitator is moving.**
- **WARNING :** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

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GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING

Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or servicer if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance. If it does not fit the outlet, have a proper outlet installed by a qualified electrician. Failure to follow these warnings can cause serious injury, fire, electric shock, or death.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

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SAFETY INSTRUCTIONS FOR INSTALLATION

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following.

- **Refer to INSTALLATION INSTRUCTIONS for detailed grounding procedures.** Installation instructions are packed with the washer for installer's reference. If the washer is moved to a new location, have it checked and reinstalled by a qualified service technician. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **For personal safety, this appliance must be properly grounded.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet** to minimize the possibility of electric shock from this appliance.
- **This washer must be plugged into a 120 VAC, 60 Hz grounded outlet.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Do not install on carpet. Install washer on a solid floor.** Failure to follow this warning can cause serious leak damage.
- **Do not remove ground prong. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet.** Failure to follow these warnings can cause serious injury, fire, electric shock, or death.
- **The washer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.** This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- **Never unplug your washer by pulling on the power cord.** Always grip plug firmly and pull straight out from the outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **When installing or moving the washer, be careful not to pinch, crush, or damage the power cord.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **The washer must be installed and electrically grounded by a qualified service person in accordance with local codes** to prevent shock hazard and assure stability during operation.
- **The washer is heavy. Two or more people may be needed to install and move the appliance.** Failure to do so can result in back or other injury.
- **Store and install the washer where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.** Failure to follow this warning can cause serious leak damage.
- **Do not install the washer in humid spaces to reduce the risk of electric shock**. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses.** Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons or death.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning.

IMPORTANT SAFETY INSTRUCTIONS

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SAFETY INSTRUCTIONS FOR USE, CARE, CLEANING, AND DISPOSAL

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following.

- **Unplug the washer before cleaning** to avoid the risk of electric shock.
- **Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer.** They will damage the finish.
- **Do not put oily or greasy rags or clothing on top of the washer.** These substances give off vapors that could ignite the materials.
- **Do not wash items that are soiled with vegetable or cooking oil.** These items may contain some oil after laundering. Due to the remaining oil, the fabric may smoke or catch fire by itself.
- **Disconnect this appliance from the power supply before attempting any user maintenance. Turning the controls to the OFF position does not disconnect this appliance from the power supply.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Do not combine laundry products for use in one load unless specified on the label.**
- **Do not mix chlorine bleach with ammonia or acids such as vinegar. Follow package directions when using laundry products.** Incorrect usage can produce poisonous gas, resulting in serious injury or death.
- **Do not reach into the washer while parts are moving. Before loading, unloading, or adding items, press the START/PAUSE button and allow the drum to coast to a complete stop before reaching inside.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children. As children grow, teach them the proper, safe use of all appliances.** Failure to comply with these warnings could result in serious injury to persons or death.
- **Destroy the carton, plastic bag, and other packing materials after the washer is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads, or plastic sheets can become airtight chambers.** Failure to comply with these warnings could result in serious injury to persons or death.
- **Keep laundry products out of children's reach. To prevent injury to persons, observe all warnings on product labels.** Failure to comply with these warnings could result in serious injury to persons or death.
- **Remove the lid to the washing compartment to avoid the danger of children or small animals getting trapped inside before your washer is removed from service or discarded.** Failure to do so can result in serious injury to persons or death.
- **Keep hands and foreign objects clear of the lid and latch area when closing the lid. Failure to keep hands clear can result in personal injury.**

SAVE THESE INSTRUCTIONS

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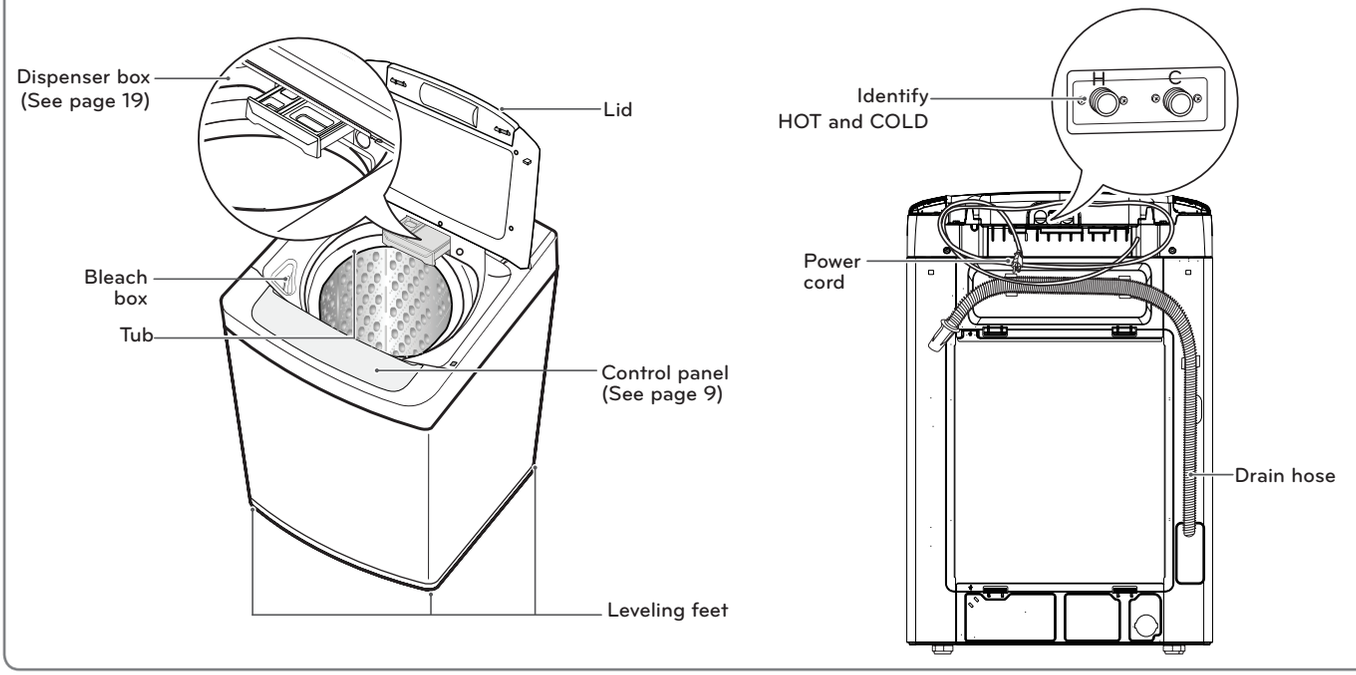
INTRODUCING YOUR WASHING MACHINE

Parts and Accessories

Parts



Accessories

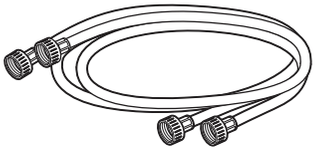
Included Accessories

- Tie Strap (for securing drain hose)

NOTE

- Accessories shown below are not included in this model, but are required for the proper operation.

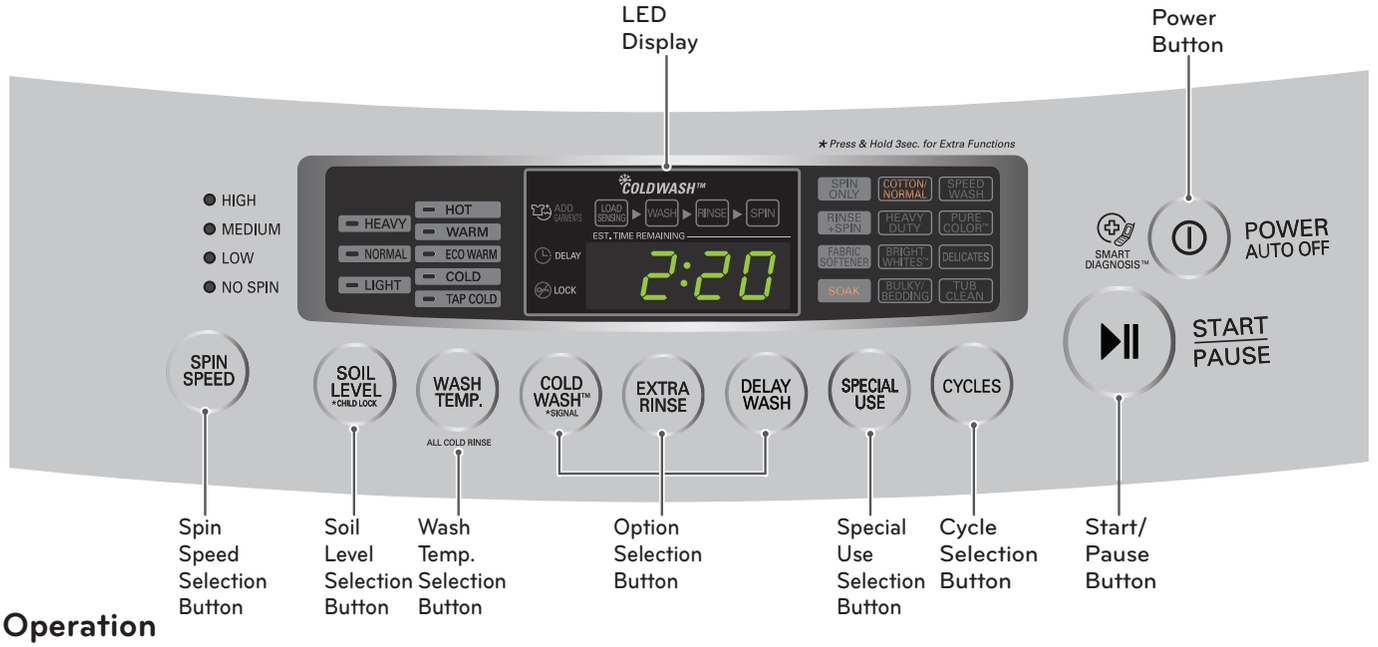
Not supplied with washer



NOTE

- Contact LG Customer Service at 1-800-243-0000 (1-888-542-2623 in Canada) if any accessories are missing or to purchase accessories.
- Always purchase good quality hoses. Leaking caused by poor quality hoses or by improper installation is not covered by the manufacturer's warranty.
- The images in this guide may be different from the actual components and accessories, and are subject to change by the manufacturer without prior notice for product improvement purposes.

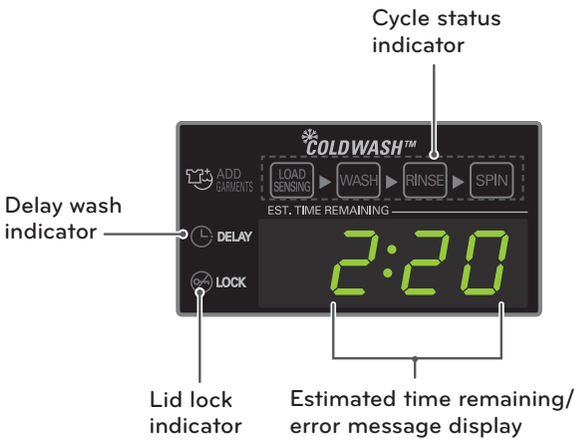
Control panel features

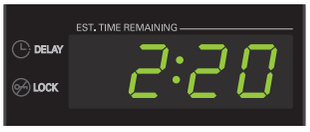


Operation

Button	Description
	• POWER ON/OFF BUTTON - Press to turn the washer ON. Press again to turn the washer OFF. NOTE: If the washer remains idle for 4 minutes after turning the washer off, the water in the tub will drain. NOTE: An alarm will sound 1 minute prior to draining, and 'dr' will appear on the display. You may restart the washer at this time. However, once the washer initiates draining, all functions will be suspended, and 'dr' will be displayed until draining is complete.
	• CYCLE SELECTOR KNOB - Press the Cycle Button until the desired cycle is selected. Once the desired cycle has been selected, the standard presets will be shown in the display. These settings can be adjusted using the cycle setting buttons before starting the cycle.
	• START/PAUSE BUTTON - Turn this button to START the selected cycle. If the washer is running, use this button to PAUSE the cycle without losing the current settings. NOTE: If you do not press the START/PAUSE button within 4 minutes of selecting a cycle, the washer automatically turns off. NOTE: If the washer remains idle for 8 minutes after pausing the cycle, the water in the tub will drain.
	• CYCLE MODIFIER BUTTONS - Use these buttons to select the desired cycle options for the selected cycle. Press the button for that setting until the indicator light for the desired value is lit.
	• OPTION BUTTONS - The option buttons allow you to select additional cycle options and will light when selected. Certain buttons also allow you to activate special functions by pressing and holding the button for 3 seconds. For detailed information about the individual options, please see the following pages.
	• LED DISPLAY - The display shows the settings, estimated time remaining, options, and status messages for your washer. The display will remain on through the cycle.

Display

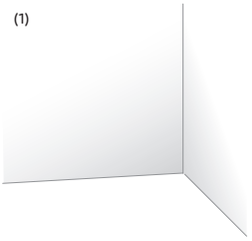


Button	Description
	• ESTIMATED TIME REMAINING - When the START/PAUSE button is pressed, the washer automatically detects the wash load (weight) and optimizes the washing time based on the selected cycle and options. The display will then indicate the estimated time remaining for the selected wash cycle.
	• CYCLE STATUS INDICATOR - This portion of the display shows which stage of the wash cycle is currently underway (LOAD SENSING, WASH, RINSE, or SPIN).

INSTALLATION INSTRUCTIONS

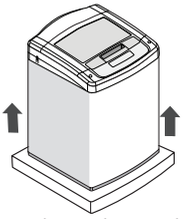
Installation Overview

(1)



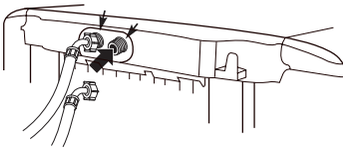
Checking and choosing the proper location

(2)



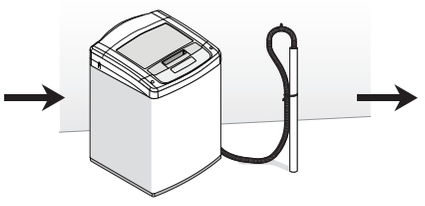
Unpacking the washer

(3)



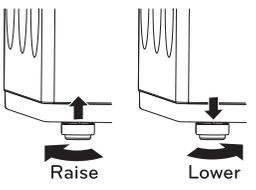
Connecting the water line

(4)



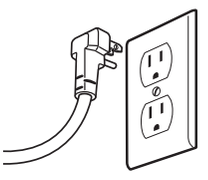
Connecting the drain line

(5)



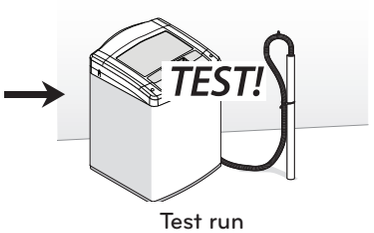
Leveling the washing machine

(6)



Plugging in the power cord and grounding

(7)



Test run

⚠ WARNING

- **Washer is heavy! Two or more people are required when moving and unpacking the washer.** Failure to do so can result in back or other injury.
- **Store and install the washer where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Properly ground washer to conform with all governing codes and ordinances.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **To reduce the risk of electric shock, do not install the washer in humid spaces.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- The base opening must not be obstructed by carpeting when the washer is installed on a carpeted floor.
- **Do not remove ground prong. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.

Checking and choosing the proper location

Install the washing machine on a solid floor that is strong and rigid enough to support the weight of the washing machine, even when fully loaded, without flexing or bouncing. If the floor has too much flex, you may need to reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.

1 Clean the floor before installation.
   - Make sure to select solid and smooth ground.

2 Two or more people are needed for moving and unpacking the washing machine.

3 Allow for sufficient space between the walls and the washing machine for installation.

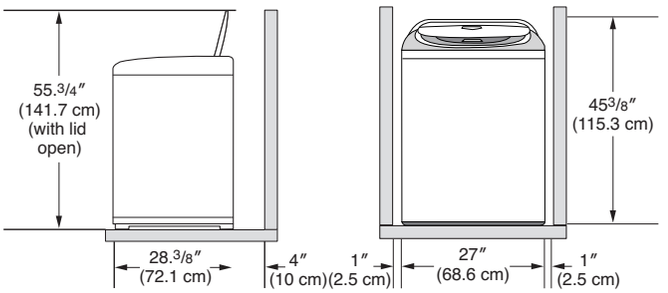
Space requirements

You must allow sufficient space for water lines, the drain line, and airflow.

NOTE

- Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

Installing on a floor

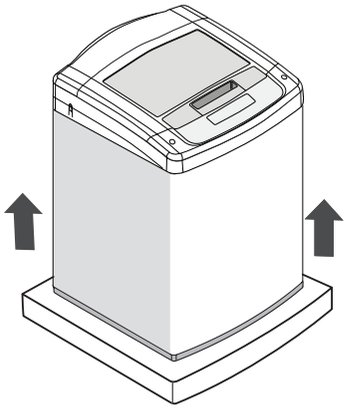


NOTE

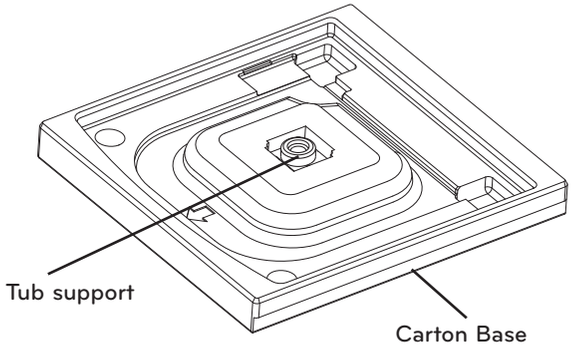
- Before installing the washer, make sure the floor is clean, dry and free of dust, dirt, water and oils so the washer feet cannot slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise due to poor contact with the floor.

Unpacking the washer

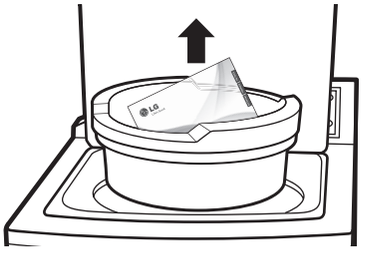
1 After the washer is in the home, remove the carton and Styrofoam® shipping base from the washer.



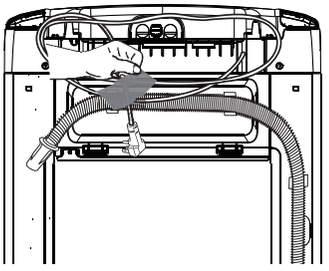
When removing the washer from the carton base, be sure to remove the tub support in the middle of the carton base. If you must lay the washer down to remove the base packaging materials, always protect the side of the washer and lay it carefully on its side. Do NOT lay the washer on its front or back.



2 Remove the packing block containing the owner's manual, parts and laundry product samples.

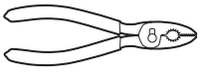


3 Unfasten the power cord from the back of the washer.



TOOLS YOU WILL NEED

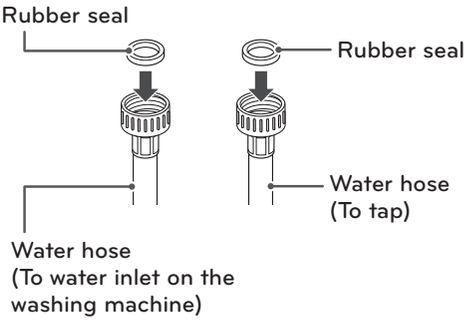
- Adjustable Pliers



- Carpenter's Level

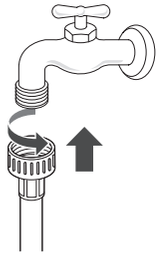
Connecting the water lines

1 Check the rubber seals on both sides of the hose.
- Insert a rubber seal into the threaded fittings on each hose to prevent leaking.



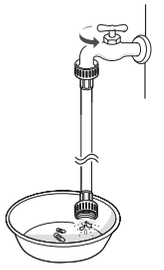
⚠ WARNING
- **Do not reuse old hoses.** Only use new hoses when you install the washing machine. Old hoses could leak or burst causing flooding and property damage.

2 Connect the water supply hoses to the HOT and COLD water faucets tightly by hand and then tighten another 2/3 turn with pliers.
- Connect the blue hose to a cold water faucet and the red hose to a hot water faucet.

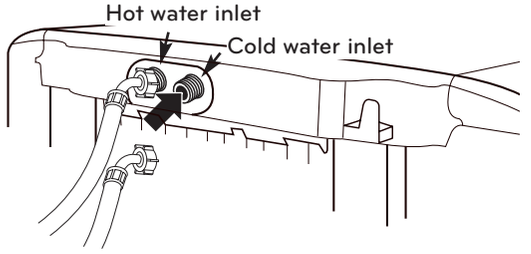


⚠ WARNING
- **Do not overtighten.** Damage to the coupling can result.

3 After connecting inlet hose to water faucets, turn on the water faucets to flush out foreign substances (dirt, sand or sawdust) in the water lines. Let water drain into a bucket, and check the water temperature.



4 Connect the hoses to the water inlets tightly by hand and then tighten another 2/3 turn with pliers.
- Connect the blue hose to the cold water inlet and the red hose to the hot water inlet.



⚠ WARNING
- **Do not overtighten the hoses.** Overtightening can damage the valves resulting in leaking and property damage.

5 Check for leaks by turning on the faucets.
- If water leaks, check steps 1 to 4 again.

NOTE
- Periodically check the hoses for cracks, leaks and wear, and replace the hoses every 5 years.
- When moving or installing the machine do not stretch, crush of kink the hoses.
- Water supply pressure must be between 14.5 PSI and 116 PSI (100~800 kPa). If the water supply pressure is more than 116 PSI, a pressure reducing valve must be installed.
- To provide optimum washing performance the hot water temperature should be set at 120-135°F (48-57°C) and the cold at 60°F (15°C).

Connecting the drain line

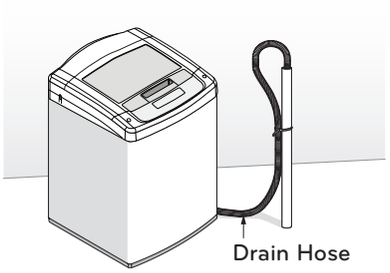
Secure the drain hose in place to prevent moving and leaking.

NOTE

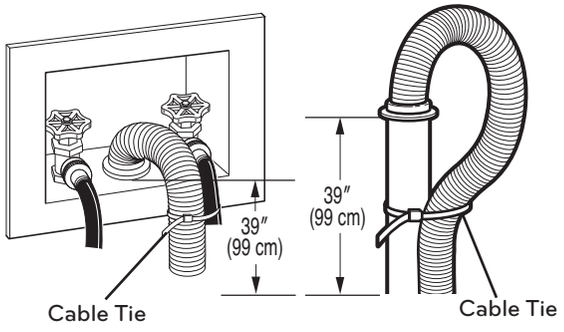
- The drain hose should be properly secured. Failure to properly secure the drain hose can result in flooding and malfunction.
- Total height of the house end should not exceed 96 inches (244.8 cm) from the bottom of the washer.
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the water lines are not stretched, pinched, crushed, or kinked.

Using a standpipe

1 Insert the end of the drain hose into the standpipe.

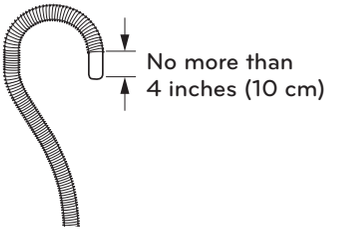


2 Use a tie strap to secure the drain hose in place.

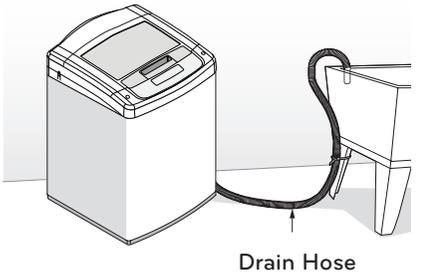


Using a laundry tub

1 Clip the end of the hose into the elbow bracket.
- Connect the elbow bracket within 4 inches (10 cm) from the end of the drain hose. If the drain hose is extended more than 4 inches (10 cm) beyond the end of the elbow bracket, mold, or microorganisms could spread to the inside of the washer.



2 Hang the end of the drain hose over the side of the laundry tub.



3 Use a tie strap to secure the drain hose in place.

Leveling the Washing machine

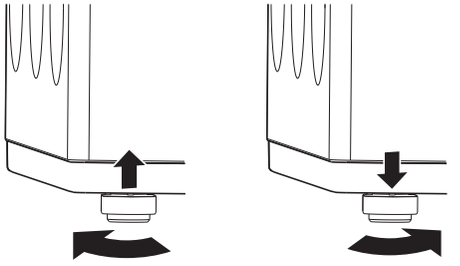
The washer spins at very high speeds, up to 1,000 RPM.

NOTE

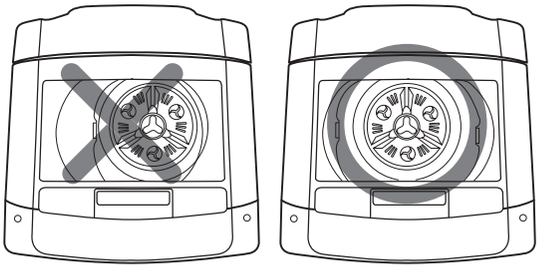
- Adjust the leveling feet only as far as necessary to level the washer. Extending the leveling feet more than necessary can cause the washer to vibrate.
- All four leveling feet must rest solidly on the floor. Rock the washer gently from corner to corner to make sure that the washer does not rock.
- Before installing the washer, make sure the floor is clean, dry and free of dust, dirt, water and oils so the washer feet cannot slide easily. Leveling feet that can move or side on the floor can contribute to excess vibration and noise due to poor contact with the floor.

1 Position the washer in the final location, taking special care to not pinch, strain, or crush the water and drain lines. Place a level across the top of the washer.

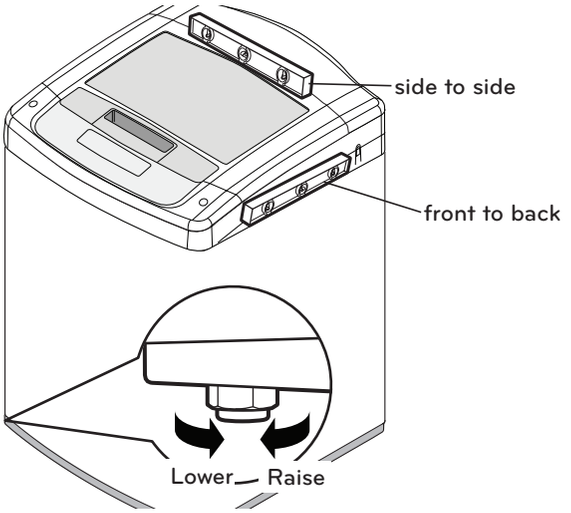
2 Adjust the leveling feet. Turn clockwise to raise the washer or counterclockwise to lower it.



3 To make sure that the washer is properly level, open the lid and look from above to see if it is same as shown below. If you have a level, check your washer with the level.



- To check if the washer is level side to side, close the lid and place a level at the back of the lid.
- To check if the washer is level front to back, place a level at the side of the washer on the edge where the cabinet side meets the top cover.



If the washer is not level, adjust the leveling feet. Turn clockwise to raise, counterclockwise to lower.

4 Check the washing machine's level again.
- Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock.
- If the washing machine rocks, repeat steps 1 to 3.

WARNING

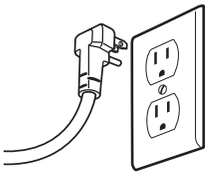
- Using the washing machine without leveling, it may result in malfunction caused by the production of excess vibration and noise.
- **Use the leveling feet only when you level the washing machine.** If you raise the leveling feet unnecessarily, it may cause abnormal vibration of the washing machine.

Plugging in the power cord and grounding

Make sure to ground the washing machine to prevent a short circuit or an electric shock when plugging in.

Using a 3-prong outlet

Plug in the electrical outlet without additional grounding.



⚠ WARNING

- **The power outlet must be within 60 inches (1.5 m) of either side of the washer.**
- **The appliance and outlet must be positioned so that the plug is easily accessible.**
- **Do not overload the outlet with more than one appliance.**
- **The outlet must be grounded in accordance with current wiring codes and regulations.**
- Time-delay fuse or circuit breaker is recommended.
- It is the personal responsibility and obligation of the product owner to have a proper outlet installed by a qualified electrician.
- **Do not use a worn or damaged power cord or power plug. Replace or repair it immediately.** Failure to do so may result in death, fire, electric shock, or malfunction.
- **Do not modify the power cord and take care not to damage it when installing or moving the washing machine.** Failure to do so may result in death, fire, electric shock, or malfunction.
- **Make sure that the washing machine is grounded.**
- **Connect this washing machine to a grounded outlet conforming to the rating prior to use.** Failure to do so may result in fire, electric shock, or malfunction.
- **Do not use adaptors or extension cords.** The washing machine should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate. Failure to do so may result in fire, electric shock or disorder.
- **Do not damage or cut off the ground prong of the power cord.** Doing so may cause death, fire, electric shock, or product malfunction.

Test run

Check if the washing machine is properly installed and run a test cycle.

1 Load the washing machine with 6 pounds of laundry.

2 Press ⏻ POWER AUTO OFF.

3 Press SPECIAL USE to RINSE + SPIN.

4 Press ⏯ START PAUSE.
- The wash cycle starts.

5 Check if water is supplied, that the washing machine does not rock or vibrates excessively, and that it drains well during the spin cycle.
- If water leaks during water supply, see page 14, **Connecting the water lines** to connect them properly.
- If the washing machine rocks and vibrates excessively, see page 16, **Leveling the washing machine** to level it again.
- If the drain does not work, see page 15, **Connecting the drain line** to install it properly.

PREPARATION

Sorting wash loads

Precautions for fabric care before wash cycle

Read and observe the following to prevent shrinkage or damage to clothes.

⚠ CAUTION Do not wash or spin any item labeled or known to be water-proof or water-resistant, even if the product care label on the item permits machine washing.
Failure to follow these instructions could result in severe damage to your laundry, your washer and/or property damage as a result of abnormal vibration of the washer.
- Examples of water-proof or water-resistant items include certain mattress pads, mattress covers, rain gear, camping gear, skiing apparel , outdoor gear and similar items.

◆ Check all pockets to make sure that they are empty.
-Items such as clips, matches, pens, coins, and keys can damage both your washer and your clothes.

◆ Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.

◆ Pretreat heavily stained areas before washing.
- Doing so will produce clean, stain-free results.

◆ Combine large and small items in a load. Load large items first.

◆ Large items should not be more than half of the total washload.

◆ The washer can be fully loaded, but the drum should not be tightly packed with items.

◆ Do not wash single items, except for bulky items such as blankets. Make sure to wash laundry in similar types of loads.
- Washing a single small item may result in the tub becoming unbalanced, vibrating and making a noise.

◆ Brush heavy soil, dust, or hair off fabrics before washing.
- Laundry may not wash clean if there is dirt or sand on the fabrics, or they may damage due to particles rubbing against sheer fabrics.

◆ Wash blankets individually.
- Washing more than one blanket together may produce unclean results due to tangling or an unbalanced load.

◆ Always separate fabrics according to their colors and wash them separately to prevent colors from running.
- Fabrics may damage or become stained due to fabric dyes
running, or due to foreign objects transferring from one fabric to another.

Fabric care labels

Most articles of clothing feature fabric care labels that include instructions for proper care.

Category	Label	Directions
Washing		Hand Wash
		Machine Wash, Normal Cycle
		Use Permanent Press/Wrinkle Resistant washing machine setting (which has a cool down or cold spray before the reduced spin)
		Use Gentle/Delicate washing machine setting (slow agitation and/ or reduced wash time).
		Do Not Wash
		Do Not Wring
Water Temperature	•••	Hot
	••	Warm
	•	Cold/Cool
Bleach symbols		Any Bleach (When Needed)
		Only Non-Chlorine Bleach (When Needed)
		Do Not Bleach

Sorting laundry

It is recommended that you sort laundry into similar loads that are washable in the same cycle.
Refer to the following chart for sorting clothes

Colors	Whites / Lights / Darks
Soil	Heavy / Normal / Light
Fabric	Delicates / Easy Care / Sturdy Cottons
Lint	Lint Producers / Lint Collectors

Using detergent/fabric softener

Recommended detergent

Make sure to use HE (High-Efficiency) detergent for Top loading washing machines. HE detergents dissolve more efficiently and produce fewer suds to ensure efficient washing and rinsing. Use the correct amount of detergent as indicated on the label of the detergent packaging.

Designed specially to use only HE (High-Efficiency) detergent

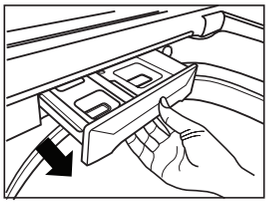
NOTE

- Only use HE detergents, since using a regular detergent may produce excessive suds.
- HE detergents produce fewer suds, dissolve more efficiently to improve washing and rinsing performance, and help to keep the interior of your washer clean.
- Use less detergent for soft water.
- Wipe up any spills immediately, as liquids could damage the finish and the control panel of the washing machine.
- Using too much detergent can cause a build-up in the tub resulting in unsatisfactory performance and machine malfunction.
- If you use a detergent that does not dissolve easily or a detergent with high viscosity, it will leave a residue on the tub, which may not rinse properly.

Loading the dispenser

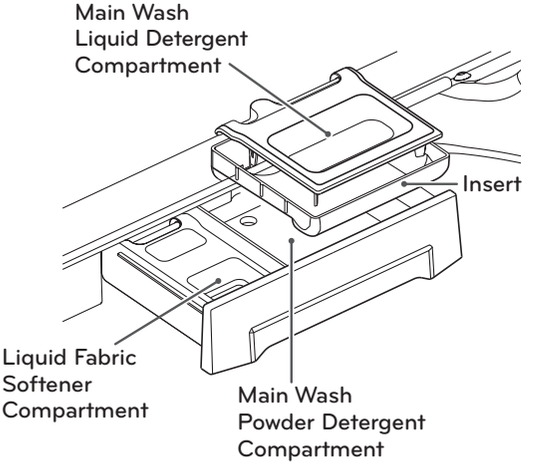
The detergent dispenser drawer of the washing machine has a dispenser compartment for each detergent type. Add the appropriate detergents into its respective compartments.

1 Pull out the detergent dispenser drawer.



2 Add the appropriate detergent to its allocated compartment.

- If you use a liquid detergent, check if the liquid detergent cup is in place.
- If you use a powdered detergent, remove the liquid detergent cup and put the powder in the main wash detergent compartment.



3 Close the detergent dispenser drawer slowly.

- Slamming the detergent dispenser drawer may result in the detergent overflowing into another compartment or pouring into the tub earlier than programmed.

NOTE

- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Main Wash Detergent Compartment

This compartment holds laundry detergent for the main wash cycle, which is added to the load at the beginning of the cycle. Always use HE (High-Efficiency) detergent with your washing machine.
Never exceed the manufacturer's recommendations when adding detergent. Using too much detergent can result in detergent buildup in clothing and the washer. Either powdered or liquid detergent may be used.

NOTE

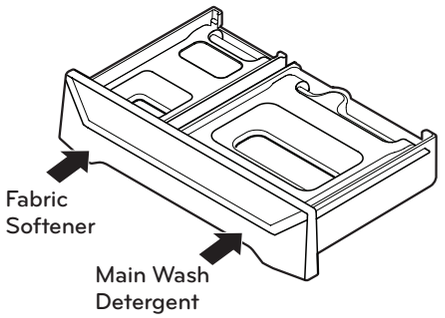
- Liquid or powdered color-safe bleach may be added to the main wash compartment with detergent of the same type.
- When using liquid detergent, make sure the liquid detergent cup and insert are in place. Do not exceed the maximum fill line.
- When using powdered detergent, remove the insert and liquid detergent cup from the compartment. Powdered detergent will not dispense with the liquid detergent cup and insert in place.

Fabric Softener Compartment

This compartment holds liquid fabric softener, which will be automatically dispensed during the final rinse cycle.

NOTE

- Always follow the manufacturer's recommendations when adding fabric softener. Do not exceed the maximum fill line. Using too much fabric softener may result in stained clothes.
- Dilute concentrated fabric softeners with warm water. Do not exceed the maximum fill line.
- Never pour fabric softener directly onto the load or into the drum.



Liquid Bleach Compartment

This compartment holds liquid chlorine bleach, which will be dispensed automatically at the proper time during the wash cycle. Avoid overfilling or splashing when adding bleach to the dispenser. The maximum capacity of the bleach dispenser is one cup of bleach per wash cycle. Overfilling could result in premature dispensing of bleach, which will result in fabric damage.

NOTE

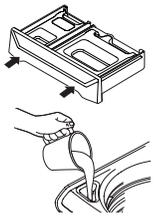
- Do not add powdered or liquid color-safe bleach to this compartment.
- Always follow the manufacturer's recommendations when adding bleach. Do not exceed the maximum fill line. Using too much bleach can damage fabrics.
- Never pour undiluted liquid chlorine bleach directly onto the load or into the drum. Fabric damage can occur.

USING YOUR WASHING MACHINE

Basic operation

1

SORT LAUNDRY AND LOAD WASHER.

2 

ADD DETERGENT BLEACH AND SOFTENER.
This compartment holds liquid fabric softener, which will be automatically dispensed during the final rinse cycle. Refer to pages 19-20 for details.

3

TURN ON THE WASHER.
Press the POWER button to turn on the washer.

4

SELECT CYCLE.
Press the Cycle Button to desired cycle. The display will show the preset WASH TEMP. SOIL LEVEL, SPIN SPEED for that cycle.

5

SELECT CYCLE MODIFIER BUTTONS. If you would like to change the modifier for that cycle, press the appropriate cycle settings button(s) until the indicator light for the desired setting is lit.
NOTE: To protect your garments, not every WASH TEMP. temperature, SPIN SPEED, SOIL LEVEL, or OPTION is available with every cycle.

6

SELECT OPTION BUTTONS. Select any additional cycle options, such as FABRIC SOFTENER or DELAY WASH.
NOTE: To protect your garments, not every WASH TEMP. temperature, SPIN SPEED, SOIL LEVEL, or OPTION is available with every cycle.

7

Press

.
- The washing machine will start.

8

When the melody plays if the sound is turned on, the wash cycle is finished.
- When the washing cycle is finished, the lid will unlock. Open the lid and remove the laundry immediately.

⚠ WARNING

- To reduce the risk of fire, electric shock, or injury to persons, **read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.**

Cycle guide

The cycle guide below shows the options and recommended fabric types for each cycle. =Default setting

Cycle	Fabric Type	Wash Temp.	Spin Speed	Soil Level	Soak	COLDWASH™	Extra Rinse	Fabric Softener
Tub Clean	Refer to page 29.		High					
Bright Whites™	White fabrics	Hot Warm Eco Warm	High Medium Low No Spin	Heavy Normal Light	●		●	●
Bulky/Bedding	Large items such as blankets and comforters	Hot Warm Eco Warm Cold Tap Cold	High Medium Low No Spin	Heavy Normal Light	●	●	●	●
	* Use the Bulky/Bedding cycle for items such as pillows, comforters and other articles which have difficultly absorbing water. ONLY WASH SMALL LOADS to make sure there is plenty of room for the load to move during washing. Keep like items together; do not mix large bulky items with smaller clothing items. Failure to follow these instructions may result in damage to the clothing or to the washer.							
Heavy Duty	Heavy soiled cotton fabrics	Hot Warm Eco Warm Cold Tap Cold	High Medium Low No Spin	Heavy Normal Light	●	●	●	●
Pure Color™	Lightly soiled and colored clothing	Warm Eco Warm Cold Tap Cold	High Medium Low No Spin	Heavy Normal Light	●	●	●	●
Cotton/Normal	Cotton, shirts, jeans soxs, pants	Hot Warm Eco Warm Cold Tap Cold	High Medium No Spin	Heavy Normal Light	●	●	●	●
Speed Wash	Lightly soiled and small loads	Warm Eco Warm Cold Tap Cold	High Medium Low No Spin	Heavy Normal Light	●	●	●	●
Delicates	Dress shirts/blouses, nylons, sheer or lacy garments (less than 8 lbs.)	Warm Eco Warm Cold Tap Cold	Medium Low No Spin	Heavy Normal Light	●	●	●	●

NOTE: To protect your garments, not every Wash Temp., Spin Speed, Soil Level, or Option is available with every cycle.

Main cycle

You can wash laundry items more thoroughly by selecting the wash cycle that best suits the type of items to be washed. Turn the knob to desired cycle. When you select a wash cycle, the light for the corresponding wash cycle will turn on. See page 21, **Basic operation**, for more details on operating methods.

Normal items, COTTON/NORMAL

Use this cycle to wash normal items, except bulky items such as blankets and fabrics such as wool or silk.

NOTE

- If you press POWER AUTO OFF and then START PAUSE without selecting another cycle, the washing machine proceeds to COTTON/NORMAL.

Lightly soiled items, PURE COLOR™

Use this cycle for a light wash load of brightly colored clothes.

Heavy soiled items, HEAVY DUTY

This cycle is for washing heavily soiled laundry though more powerful tub rotation.

Blankets or bulky items, BULKY/BEDDING

This cycle is for washing blankets or bulky items.

For white fabrics, BRIGHT WHITES™

This cycle is for washing white items only.

Clean tub, TUB CLEAN

Use this cycle to clean the tub of your washing machine.

Quick wash, SPEED WASH

Use the Speed Wash cycle to quickly wash lightly soiled clothing and small load. For high wash and rinse efficiency, it is recommended to wash small loads of 2-3 lightly soiled garments.

NOTE

- Use a little detergent in this cycle. If you want more rinsing, you can add extra rinse by using the Extra Rinse button.

Sheer items, DELICATES

This cycle is for washing lingerie or sheer and lacy clothes which can easily be damaged.

Cycle setting buttons

Each cycle has preset settings that are selected automatically. You may also customize the settings using the cycle setting buttons. Press the button for that option to view and select other settings.
The washer automatically adjusts the water level for the type and size of wash load for best results and maximum efficiency. It may seem there is no water inside the drum in some cycles, but this is normal.

NOTE

- To protect your garments, not every wash temperature, spin speed, soil level, or option is available with every cycle. See the Cycle Guide for details.

Setting options before cycle

You can select and add the desired optional functions before you start the washing machine.

Setting the water temperature, WASH TEMP.

Set the water temperature for the wash cycle. Set the appropriate temperature, as specified in the fabric care label.

1 Press POWER AUTO OFF, ans CYCLES press to the desired cycle.

2 Press WASH TEMP. repeatedly to select the desired water temperature:

- When an optional item is selected, an indication light for the corresponding optional item turns on.

3 Press the desired option button to use the other options.

- Skip to step 4 to use the default setting without changing the options.

4 Press START PAUSE.

NOTE

- Cold rinses use less energy.
- Select the water temperature suitable for the type of load you are washing. Follow the fabric care label for best results.

Setting soil level of laundry, SOIL LEVEL

You can wash your laundry more thoroughly by setting the proper soil level on the washing machine.

1 Press POWER AUTO OFF, ans CYCLES press to the desired cycle.

2 Press SOIL LEVEL repeatedly to select a soil level.

- When an optional item is selected, an indication light for the corresponding optional item turns on.

3 Press the desired option to use the other options.

- Skip to step 4 to use the default setting without changing the options.

4 Press START PAUSE.

NOTE

- This feature needs more time for heavily soiled loads or less time for lightly soiled loads.

Setting spin speed, SPIN SPEED

You can set the desired spin speed.
Use this feature properly according to the characteristics of the load.

1 Press POWER AUTO OFF, ans CYCLES press to the desired cycle.

2 Press SPIN SPEED repeatedly to select the desired spin speed.

- When an optional item is selected, an indication light for the corresponding optional item turns on.

3 Press the desired option to use the other options.

- Skip to step 4 to use the default setting without changing the options.

4 Press START PAUSE.

NOTE

- The SPIN SPEED button also activates the SPIN ONLY cycle to drain the tub and spin clothes; for example, if you want to remove clothes before the cycle has ended.

SPECIAL USE

SPECIAL USE Select any additional option, such as RINSE+SPIN, SPIN ONLY, STAIN CARE™ or SOAK. If you press SPECIAL USE button without selecting a cycle, COTTON/NORMAL cycle with SOAK is automatically selected.

NOTE

- If you press SPECIAL USE button 3 or 4 times, the cycle will reset to COTTON/NORMAL.

Setting RINSE + SPIN, RINSE + SPIN

Select this option to rinse and spin a load separately from a regular cycle. This can be helpful in preventing fresh stains from setting in fabrics. You can change spin speed by pressing SPIN SPEED respectively.

1 Press the POWER button to turn on the washer.

2 Press the SPECIAL USE button until the RINSE+SPIN indicator light is lit. (The cyclelight will turn off.)

3 Press the START/PAUSE button to start the cycle. The washer will start automatically.

Setting SPIN ONLY, SPIN ONLY

This button activates the SPIN ONLY cycle to drain and spin.

1 Press the POWER button to turn on the washer.

2 Press the SPECIAL USE button until the SPIN ONLY indicator light is lit.

3 Press the START/PAUSE button to start the cycle. The washer will start automatically.

Setting soak, SOAK

Allows the consumer to remove stains more thoroughly by specifying additional time for the clothing to soak during washing. At the end of SOAK, the wash cycle will be started without drain. Cycle time will be increased by 30 minutes. It is normal that washer do weak agitation during SOAK cycle.

NOTE

- You cannot setect the SOAK option in the TUB CLEAN cycle.

Saving energy, COLDWASH™

For maximum efficiency, wash only small loads. (less than 8 lbs.)

NOTE

- If you select STAIN CARE™, the COLDWASH™ option is not available.

1 Press POWER/AUTO OFF, ans CYCLES press to the desired cycle.

2 Press COLD WASH The washer will automatically adjust the cycle settings.

3 Set any other desired options.

4 Press START/PAUSE.

NOTE

- When you select the COLDWASH™ option, wash time will be increased up to 10 minutes.
- For high wash dfficiency, it is recommended to use less than 8 pounds.

Adding extra rinse cycle, EXTRA RINSE *WATER PLUS

You can add an extra rinse cycle to the default rinse cycle.

1 Press POWER/AUTO OFF, ans CYCLES press to the desired cycle.

2 Press EXTRA RINSE.

3 Press the desired option to use the other options.

- Skip to step 4 to use the default setting without changing the options.

4 Press START/PAUSE.

Setting fabric softener of laundry, FABRIC SOFTENER

The fabric softener is dispensed in the final rinse. Select FABRIC SOFTENER to change final rinse type from spray rinse to rinse.

NOTE

- When using the EXTRA RINSE option, the fabric softener will always be dispensed in the final rinse.

Presetting the start time, DELAY WASH

You can set the desired start time.

1 Press POWER AUTO OFF, ans CYCLES press to the desired cycle.

2 Press the desired option to use the other options.

3 Press DELAY WASH repeatedly to select the desired start time.
- The set start time appears on the display panel.
- Each press of the button increases the delay time by one hour, up to 19 hours.

4 Press START PAUSE.

Setting options during cycle

You can add the desired options during the wash cycle.

Button lock feature, SOIL LEVEL

You can lock the washing machine to prevent children or others from changing the cycle settings by pressing the buttons during the cycle.

To enable child lock

Press and hold SOIL LEVEL for 3 seconds during the wash cycle.
- When the CHILD LOCK is enabled, a CL message and the remaining wash time are displayed, in turn, on the display panel of the washing machine.

To disable child lock

(When the CHILD LOCK is activated.)

Press and hold SOIL LEVEL for 3 seconds during the wash cycle.

NOTE
- Once the controls are locked, they must be manually unlocked to restore operation.

Setting add garments of laundry, ADD GARMENTS

ADD GARMENTS Laundry may be added to the load at the proper time in the wash cycle.

When the ADD GARMENTS light is illuminated, it is safe to pause the cycle and add more items to the load.If garments are added when the ADD GARMENTS light is off, the washer will not adjust for these items which could result in poor performance or fabric damage.

To add garments while the ADD GARMENTS light is on:

1 Press START PAUSE button to pause the washer.

2 Open the lid when it unlocks

3 Add your additional items.

4 Close the lid.

5 Press START PAUSE button to resume the wash cycle.

NOTE
- If the washer remains idle for 8 minutes after pausing the cycle, the water in the tub will drain.

MAINTENANCE

Care

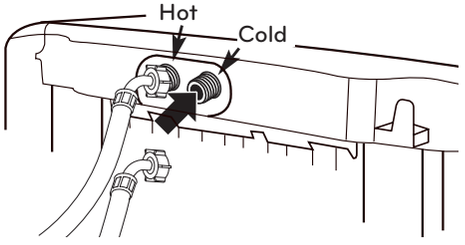
Cleaning the Water Inlet Filters

If the washer detects that water is not entering the dispenser, an error message will show on the display. If you live in an area with hard water, this may be caused by clogged inlet filters.

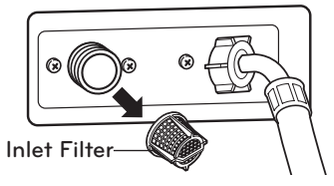
NOTE

- Use extreme care when removing and cleaning the filters. If the filters cannot be cleaned or are damaged, do NOT operate the washer without the inlet filters. Contact LG Customer Service or a qualified LG servicer.

1 Turn off both water taps completely. Unscrew the hot and cold water lines from the back of the washer.



2 Carefully remove the filters from the water inlets, and soak them in white vinegar or a lime scale remover. Rinse thoroughly before reinstalling. Press the filters back into place and reattach the water lines. Do NOT operate the washer without the inlet filters.



WARNING

- **Unplug the power cord and turn off the faucets before cleaning.** Failure to do so may cause electric shock.
- **Do not use the washing machine without the inlet filters.** If you use the washing machine without the inlet filters it will cause leaks and malfunction.
- If you use the washing machine in an area with hard water, the inlet filter may clog due to lime buildup. Contact your nearest LG customer service center if the inlet filter is not clean or is missing.

NOTE

- *1E* message will blink on the display when the water pressure is weak or an inlet filter is clogged with dirt. Clean the inlet filter.

Care in cold climates

When the Water Line is frozen

1 Turn off the faucets connected with the water lines.

2 Pour hot water on the frozen faucets to thaw the water lines and pull them out.

3 Immerse the water lines in hot water to thaw them.

4 Connect the water lines with the water inlets of the washing machine and faucets.
- See page 14, **Connecting the water lines** for details.

5 Turn on the faucets.

6 Press POWER AUTO OFF.

7 Press SPECIAL USE to **RINSE + SPIN.**

8 Press START PAUSE.
- Verify the water fills properly.

When the Drain Line is Frozen

1 Pour hot water in the washer tub and close the lid.
- Leave it for 10 minutes.

2 Press POWER AUTO OFF after 10 minutes.

3 Press SPECIAL USE to **SPIN ONLY.**

4 Press START PAUSE.
- Check if the water drains.

Cleaning

Periodically clean the washing machine to maintain its performance and to prevent malfunction.

Clean the drum, TUB CLEAN

Using the washing machine in a humid space for a long period of time may lead to a buildup of black mold and germs in the air inside the washer tub and affect your health. If you clean the washer tub regularly on a monthly basis using TUB CLEAN it will keep the washer tub clean for hygienic use.

1 Add tub cleaner or lime scale remover into the detergent dispenser drawer.
   - Do not exceed the maximum detergent limit line when you add it. Detergent may remain in the washer tub after cleaning.
   - **When you use liquid chlorine bleach,** load it into the liquid chlorine bleach compartment.
   - **When you use a powdered cleaner,** pull out the liquid detergent cup and add it into the main wash detergent compartment.
   - **When you use cleaning tablets,** place them directly into the washer tub. (Do not add tablet cleaner to the drawer.)
2 Press POWER AUTO OFF.
3 Turn the cycle selector knob to TUB CLEAN.
   - The indication light for TUB CLEAN turns on.
4 Press START PAUSE.

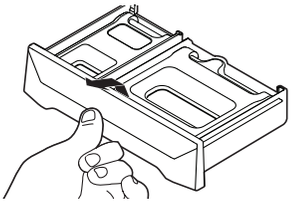
NOTE

- Never load laundry while using TUB CLEAN. The laundry may damage or become contaminated. Make sure to clean the washer tub when it is empty.
- It is recommended to leave the lid open after finishing the laundry to keep the tub clean.
- It is recommended that TUB CLEAN should be repeated monthly.
- If mildew or musty smell already exists, run TUB CLEAN for 3 consecutive weeks.

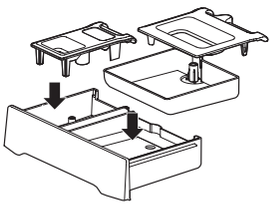
Cleaning the detergent box

Leaving detergent in the detergent for an extended period of time or using the washing machine for a long period of time may cause the build-up of scales in the detergent. Pull out and clean the detergent once a week.

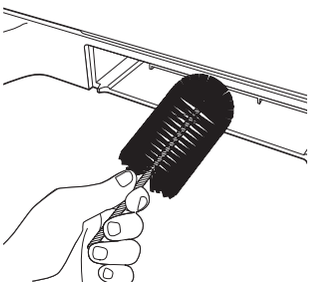
1 Remove the drawer by pulling it straight out until it stops. Lift up on the front of the drawer and pull it out.



2 Remove the inserts from the 2 compartments; rinse the inserts and the drawer with warm water to remove traces of accumulated laundry products.



3 To clean the drawer opening, use a small, non-metal brush to clean the recess. Remove all residues from the upper and lower parts of the recess.



4 Return the inserts to the proper compartments and replace the drawer.

WARNING

- **Do not spray water inside the washing machine.** Doing so may cause fire or electric shock.

NOTE

- Use water only when you clean the detergent box. Make sure to use RINSE+SPIN to rinse the washer tub before the wash cycle when you use a cleaning detergent to clean the washer tub.

TROUBLESHOOTING

Checking error messages

If the following message appears on the display, check the following and take the appropriate corrective action.

Message	Possible Causes	Solutions
Water in the washer drains slowly or not at all, or the display shows:	• Drain hose is bent, pinched, or clogged.	• Make sure the drain hose is free of clogs, kinks, etc., and is not pinched behind or under the washer.
Washer fills with water slowly or not at all, or the display shows:	• Water supply taps are not open fully. • Water line hoses are kinked, pinched, or bent. • Water inlet filters are clogged. • Water pressure to tap or house is too low.	• Make sure that the water taps are open fully. Make sure the hoses are not kinked or pinched. Be careful when moving the washer. • Clean the inlet filters. See the Care and Cleaning section. • Check another faucet in the house to make sure that household water pressure is adequate.
Washer will not turn on	• Power cord is not properly plugged in. • House fuse is blown, circuit breaker has tripped, or power outage has occurred.	• Make sure that the plug is plugged securely into a grounded, 3-prong, 120-VAC, 60-Hz. outlet. • Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.
The display shows:	The lid is not closed properly.	• Make sure that the lid is closed properly and press the START/PAUSE button. After starting a cycle, it may take a few moments before the drum begins to turn or spin. The washer will not spin unless the lid is locked (LID LOCK light will turn on). • If the lid is closed and locked and the open lid error message is displayed, call for service. • If you press the START button while the lid is open, dE error message will be displayed.
The display shows:	• Lid lock switch error	• Make sure that the lid is closed properly and press the START/PAUSE button. The washer will not spin unless the lid is locked (LID LOCK light will turn on). • If the lid is closed and the lid lock error message is displayed, call for service.
The display shows:	• Water level is too high due to a faulty water valve.	• Close the water taps, unplug the washer, and call for service.
The display shows:	• Clutch error	• Unplug the washer, and call for service.

Checking error messages (cont.)

Message	Possible Causes	Solutions
The display shows:	• The washer has detected an out of balance load.	• If the washer detects a load that is too far out of balance to spin, it will display this code while it is attempting to rebalance the load. The washer will add water and try to redistribute the load automatically. This display is for your information only, and no action is required.
The display shows:	• If the uE rebalance (see above) is not successful, this error will be displayed. • The load is too small. • Heavy articles are mixed with lighter items. • The load is out of balance.	• The automatic attempt to rebalance the load was not successful. The cycle has been paused to allow the load to be manually adjusted. • Small loads may need additional items to be added to allow the washer to balance the loads. • The load may have heavy items loaded with lighter items. Always try to wash articles of somewhat similar weight to allow the washer to evenly distribute the weight of the load for spinning. • Manually redistribute the load if articles have become tangled preventing the automatic distribution from working properly.
The display shows:	• Thermistor error	• Unplug the washer and call for service.
The display shows:	• The water level sensor is not working correctly.	• Close the water taps, unplug the washer, and call for service.
The display shows:	• Thermal overload protection circuit in the motor has been tripped.	• Allow the washer to stand for 30 minutes to allow the motor to cool; then restart the cycle. If the LE error code still appears, unplug the washer and call for service.
The display shows:	• If an error message is displayed for 4 minutes, the water in the tub will automatically drain. An alarm will sound 1 minute prior to draining, and ‘dr’ will appear on the display. You may restart the washer at this time. However, once the washer initiates draining, all functions will be suspended, and ‘dr’ will be displayed until draining is complete.	• This is normal.

Normal sounds you may hear

The following sounds may be heard while the washer is operating. They are normal.

Clicking:
- Lid lock relay when the lid locks and unlocks.
- The washer will make a series of clicking noises as it changes the cleaning mode.

High pitched noise:
The wash basket spins faster to remove moisture from the load.
Spraying or hissing:
Water spraying or circulating during the cycle.
Humming or gurgling:
Drain pump pumping water from the washer at the end of a cycle.
Water sloshing sound:
A liquid in the balance ring around the wash basket helps the basket spin smoothly.
(Washer is turned off and tub is rotated.)
Sound of water being added after the washer has already been operating:
- The washer adapts to the load size and type to add more water to the cycle as needed.
- The wash load may be unbalanced. If the washer senses that the load is unbalanced, it will stop and refill to redistribute the load.
- The washer may be diluting laundry additives to add to the wash load.

Before calling for service

Your washing machine is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If your washer does not function properly or does not function at all, check the following before you call for service.

Problem	Possible Causes	Solutions
Rattling and clanking noise	• Foreign objects, such as keys, coins, or safety pins, may be in drum or pump.	• Stop washer and check drum for foreign objects. If noise continues after the washer is restarted, call for service.
Thumping sound	• Heavy wash loads may produce a thumping sound. • Washer load may be out of balance.	• This is normal. If sound continues, the washer is probably out of balance. Stop and redistribute the wash load. • Stop and redistribute the wash load.
Vibrating noise	• Wash load may be unevenly distributed in the drum. • Not all leveling feet are resting firmly on the floor. • Floor not rigid enough.	• Stop washer and rearrange the wash load. • Adjust the leveling feet. Make sure all four feet are in firm contact with the floor while the washer is in the spin cycle with a load. • Make sure that the floor is solid and does not flex. Refer to Flooring in the Installation section.
Water leaking around washer	• Fill hose connection is loose at tap or washer. • House drain pipes are clogged. • Large items such as pillow and blanket over the tub.	• Check hoses. Check and tighten hose connections. • Unclog drain pipe. Contact a plumber if necessary. • Check the cycle. If you wash large items, use BULKY/BEDDING cycle. • Stop washer and check the load position. Lay bulky items into the tub.
Excessive sudsing	• Too much detergent or incorrect detergent.	• Reduce detergent amount or use low-sudsing detergent. Only use detergent with the HE (High-Efficiency) logo.

Problem	Possible Causes	Solutions
Washer won't operate	• Control panel is asleep	• This is normal. Press POWER.
	• Washer is unplugged	• Make sure cord is plugged securely into a working outlet.
	• Water supply is turned off	• Turn both hot and cold faucets fully on.
	• Controls are not set properly	• Make sure the cycle was set correctly, close the lid and press START.
	• Lid is open-safety feature Prevents the washer from filling and operation when lid is up	• Close lid and reset cycle, to the beginning if necessary.
	• Circuit breaker/fuse is tripped/ blown	• Check house circuit breakers/fuses. Replace fuses or reset breaker. The washer should have a dedicated circuit.
	• Electronics need to be reset	• Press the POWER button.
	• START was not pressed after a cycle was set	• Press START.
	• Extremely low water pressure	• Check another faucet in the house to make sure that household water pressure is adequate.
	• Washer is too cold	• If the washer has been exposed to temperatures below freezing for an extended period of time, allow it to warm up before pressing POWER. Otherwise, the display will not come on.
Washer not filling property	• Filter clogged or fill hoses may be kinked	• Make sure that filters (blue and orange screens must be free of solids) on the unit are not clogged. Turn off water and check filter by disconnecting hose at machine. Check that fill hoses are not kinked or clogged.
	• Energy efficiency	• This is an energy-efficient washer. As a result the temperature settings for this washer may be different than non-energy-efficient washers.
	• Insufficient water supply	• Make sure that the water supply is turned on. • Make sure that the water faucets are turned to their completely open positions.
	• The washer lid is open	• The washer lid must be closed for all washer cycle operations. If the lid is opened during washer operation, all functions will stop, including water filling.
	• Incorrect fill hose connection	• Make sure that the fill hoses connect the hot water supply to the hot inlet on the washer, and the cold water supply to the cold inlet on the washer (hot to hot, cold to cold).
	• Water fill optimization	• Water may not cover the top level of the clothes. This is normal for this high-efficiency washer. The water fill is optimized by the system for best wash performance.
Washer will not drain water	• Kinked drain hose or drain located higher than 8' above floor	• Ensure that the drain hose is not kinked. Per the recommended installation instructions, the drain outlet cannot be over 8' above the floor.
Water leaks every load	• Hoses not installed correctly	• Check all fill and drain hose connections to ensure that they are tight and secure.
Water leaks	• Oversudsing of detergent	• Oversudsing may create leaks, and may be caused by the type and amount of detergent used. High-efficiency detergent is recommended. Make sure that detergent and any additives are put into the correct dispenser compartments. Follow the detergent manufacture's recommendations for the amount of detergent, but try using less detergent, especially if home water conditioning or water softening units are used.
Wash cycle time is longer than usual	• The washer automatically adjusts the wash time for the amount of laundry, water pressure, water temperature, and other operating conditions.	• This is normal. The washer adjusts cycle time automatically to provide optimal results for the selected cycle. • If you press the START button while the lid is open, dE error message will be displayed.

Problem	Possible Causes	Solutions
Incomplete or no dispensing of detergent	• Detergent compartments clogged from incorrect filling	• Make sure that detergent and additives are put in to the correct dispenser compartments. If liquid detergent is used, make sure that the liquid detergent cup and insert are in the detergent compartment. If powdered detergent is used, make sure that the liquid detergent cup and insert are not used. For all detergent types, always make sure that the dispenser drawer is fully closed before the start of the cycle.
	• Too much detergent use	• Make sure that the suggested amount of detergent is used per the manufacture's recommendations. You may also dilute the detergent with water to the maximum fill line on the compartment to avoid clogging. Use only HE (High-Efficiency) detergent.
	• Insufficient water supply	• Make sure that the water supply is turned on. Make sure that the water faucets are turned to their completely open positions.
	• Normal residue	• Normal operation. Residual may remain in the dispenser of the compartments. The dispenser box may be removed for occasional cleaning with warm water and a scrub brush.
Premature dispensing of bleach	• Bleach dispenser filled for future load	• You cannot store bleach in the dispenser for future use. • The bleach dispenser will be dispensed every load for optimal safety of the washer.
	• Overfilling the bleach dispenser	• Overfilling the dispenser with bleach may lead to premature dispensing. There is a maximum fill line indicated on the bleach dispenser to help avoid overfilling.
Clogging of bleach	• Bleach dispenser is not seated	• Make sure that the bleach cover is properly seated and snapped into place before the start of the cycle.
	• Insufficient cleaning	• You may remove and clean the bleach cover with warm water and a scrub brush to clear clogging.
Poor stain removal	• Presoak not selected	• We recommend that you select presoak when defining your wash cycle. Always make sure that any additives, such as your high efficiency liquid detergent, are added to the pretreat dispenser bin before starting the cycle. Always refer to your clothes care label before treating stains.
Staining	• Add laundry products to the washer drum. • Washer not unloaded promptly. • Does not properly sort the clothes.	• Load the laundry products into the dispenser. • Always remove items from the washer as soon as the cycle is completed. • Always wash dark colors separately from light colors and whites to prevent discoloration. If possible, do not wash heavily soiled items with lightly soiled ones.
Wrinkling	• Washer not unloaded promptly. • Washer overloaded. • Hot and cold water inlet hoses are reversed.	• Always remove items from the washer as soon as the cycle is completed. • The washer can be fully loaded, but the drum should not be tightly packed with items. The lid of the washer should close easily. • Hot water rinse can set wrinkles in garments. Check the inlet hose connections.

SPECIFICATIONS

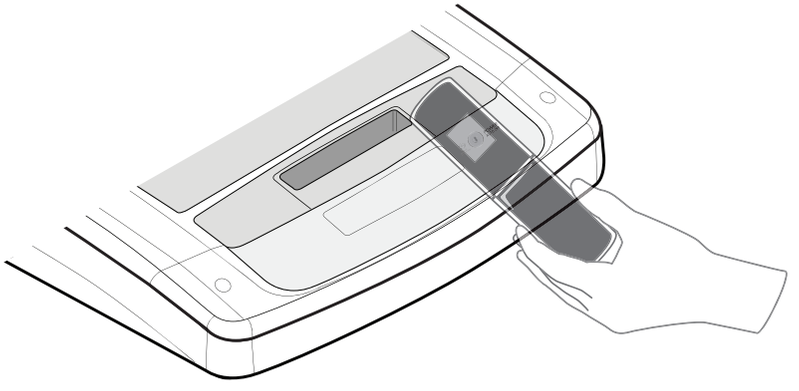
Model WT1101CW	
Description	Top-Loading Washer
Electrical requirements	120 VAC @ 60 Hz.
Max. water pressure	14.5~116 PSI (100~800 kPa)
Dimensions	27"(W) X 28 3/8"(D) X 45 3/8"(H), 55 3/4"(H with lid open) 68.6 cm (W) X 72.1 cm (D) X 115.3 cm (H), 141.7 cm (H with lid open)
Net weight	145.5 lbs. (66 kg)
Max. spin speed	1,100 RPM

USING SMARTDIAGNOSIS™

- Only use this feature when instructed to do so by the call center. The transmission sounds similar to a fax machine, and so has no meaning except to the call center.
- SMARTDIAGNOSIS™ cannot be activated if the washer does not power up. If this happens, then troubleshooting must be done without SMARTDIAGNOSIS™.

If you experience problems with your washer, call 1-800-243-0000 (1-888-542-2623 in Canada). Follow the call center agent's instructions, and perform the following steps when requested:

1. Press the POWER AUTO OFF to turn on the washer. Do not press any other buttons.
2. When instructed to do so by the call center, place the mouthpiece of your phone very close to the POWER button.



3. Press and hold WASH TEMP. for three seconds, while holding the phone mouthpiece to the icon or POWER button.
4. Keep the phone in place until the tone transmission has finished. This takes about 17 seconds, and the display will count down the time.
   - For best results, do not move the phone while the tones are being transmitted and do not touch the console with the phone.
   - If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.
   - Pressing the POWER button during the transmission will shut off the SMARTDIAGNOSIS™.

5. Once the countdown is over and the tones have stopped, resume your conversation with the call center agent, who will then be able to assist you using the information transmitted for analysis at the call center.

LG WASHING MACHINE LIMITED WARRANTY (USA)

WARRANTY:
LG Electronics U.S.A., Inc. ("LG") warrants your LG Washing Machine ("product") against defect in materials or workmanship under normal household use, during the warranty period set forth below, LG will, at its option, repair or replace the product. This limited warranty is valid only to the original retail purchaser of the product, is not assignable or transferrable to any subsequent purchaser or user, and applies only when the product is purchased through an LG authorized dealer or distributor and used within the United States ("U.S.") including U.S. Territories.

Note: Replacement products and repair parts may be new or factory-remanufactured and are warranted for the remaining portion of the original unit's warranty period or ninety (90) days, whichever is longer. Please retain dated receipt or delivery ticket as evidence of the Date of Purchase for proof of warranty (you may be required to submit a copy to LG or authorized representative).

WARRANTY PERIOD:

Period	One (1) year from date of original retail purchase:	Ten (10) years from date of original retail purchase:	Lifetime from date of original retail purchase:
Scope of Warranty	Any internal /functional Parts & Labor	Drum Motor (Stator, Rotor, and Hall Sensor)	Stainless Steel Drum
Remark	LG will provide parts & labor to repair or replace defective parts.	Parts only. Customer will be responsible for any labor or in-home service to replace defective parts.	

HOW SERVICE IS HANDLED: In-Home Service
In-home service will be provided, as available, during the warranty period subject to servicer availability within the U.S. To receive in-home service, the product must be unobstructed and accessible to service personnel. If the in-home service repair cannot be completed, it may be necessary to remove, repair and return the product. If in-home service is unavailable, LG may elect, at its option, to provide for transportation of the product to and from an LG authorized service center.

THIS LIMITED WARRANTY DOES NOT COVER:
1. Service trips to deliver, pick up, or install the product or for instruction on product use.
2. Replacing house fuses or resetting of circuit breakers, correction of house wiring or plumbing, or correction of product installation.
3. Damage or failure caused by leaky/ broken/ frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage or failure caused by accidents, pests and vermin, lightning, wind, fire, floods or acts of God.
5. Damage or failure resulting from misuse, abuse, improper installation, repair or maintenance. Improper repair includes use of parts not approved or specified by LG.
6. Damage or failure caused by unauthorized modification or alteration to the product.
7. Damage or failure caused by incorrect electrical current, voltage, or plumbing codes.
8. Cosmetic damage, including scratches, dents, chips or other damage to the finish of the product, unless such damage results from defects in materials or workmanship and is reported to LG within seven (7) calendar days from the date of delivery.
9. Damage or missing items to any display, open box, discounted, or refurbished product.
10. Product where the original factory serial numbers have been removed, defaced or changed in any way.
11. Repairs when product is used in other than normal and usual household use (e.g. rental, commercial use, offices, or recreational facilities) or contrary to the instructions outlined in the owner's manual.
12. The removal and reinstallation of the Product if it is installed in an inaccessible location.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING AND WITHOUT LIMITATION TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, THIS WARRANTY IS LIMITED IN DURATION TO THE TERM PERIOD EXPRESSED ABOVE. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CUSTOMER. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING AND WITHOUT LIMITATION TO, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

HOW TO OBTAIN WARRANTY SERVICE & ADDITIONAL INFORMATION:

Call 1-800-243-0000 or visit our website at www.lg.com.
Mail to: LG Customer Information Center (ATTN: CIC)
201 James Record Road, Huntsville, AL 35824

Write your warranty information below:

Product Registration Information:
Model:
Serial Number:
Date of Purchase:

LG WASHING MACHINE LIMITED WARRANTY (CANADA)

WARRANTY:
Should your LG Washer ("Product") fail due to a defect in material or workmanship under normal home use during the warranty period set forth below, LG Canada will at its option repair or replace the Product upon receipt of proof of original retail purchase. This warranty is valid only to the original retail purchaser of the product and applies only to a Product distributed in Canada by LG Canada or an authorized Canadian distributor thereof. The warranty only applies to Products located and used within Canada.

Period	One (1) year from the date of original retail purchase	Ten (10) years from the date of original retail purchase	Five (5) years from the date of original retail purchase
Scope of Warranty	Parts and Labor (internal/functional parts only)	DD Motor (Stator, Rotor, Hall Sensor)	Stainless steel Drum
Remark	Washer	Extended Component Warranty (Parts Only) (Consumer will be charged for Labor after one (1) year from the date of purchase)	

▶ Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
▶ Replacement products and parts may be new or remanufactured.
▶ LG Authorized Service Center warranties their repair work for thirty (30) days.

LG Canada's sole liability is limited to the warranty set out above. Except as expressly provided above, LG Canada makes no and hereby disclaims all other warranties and conditions respecting the product, whether express or implied, including, but not limited to, any implied warranty or condition of merchantability or fitness for a particular purpose, and no representations shall be binding on LG Canada. LG Canada does not authorize any person to create or assume for it any other warranty obligation or liability in connection with the product. To the extent that any warranty or condition is implied by law, it is limited to the express warranty period above. LG Canada, the manufacturer or distributor shall not be liable for any incidental, consequential, special, direct or indirect damages, loss of goodwill, lost profits, punitive or exemplary damages or any other damage, whether arising
Directly or indirectly from any contractual breach, fundamental or otherwise, or from any acts or omissions, tort, or otherwise.
This warranty gives you specific legal rights. You may have other rights which may vary from province to province depending on applicable provincial laws. Any term of this warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with provincial law without affecting the remainder of this warranty's terms.

<u>This limited warranty does not cover:</u>

1. Service trips to deliver, pick up, or install the product; instructing a customer on operation of the product; repair or replacement of fuses or correction of wiring, or correction of unauthorized repairs/installation.
2. Failure of the product to perform during power failures and interruptions or inadequate electrical service.
3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product owner's manual.
5. Damage to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from the misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not approved or specified by LG Canada.
7. Damage or product failure caused by unauthorized modification or alteration, or use for other than its intended purpose, or resulting from any water leakage due to improper installation.
8. Damage or Product failure caused by incorrect electrical current, voltage, commercial or industrial use, or use of accessories, components, or cleaning products that are not approved by LG Canada.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery.
10. Damage or missing items to any display, open box, discounted, or refurbished Product.
11. Products with original serial numbers that have been removed, altered, or cannot be readily determined. Model and Serial numbers, along with original retail sales receipt, are required for warranty validation.
12. Increases in utility costs and additional utility expenses.
13. Replacement of light bulbs, filters, or any consumable parts.
14. Repairs when your Product is used in other than normal and usual household use (including, without limitation, commercial use, in offices or recreational facilities) or contrary to the instructions outlined in the Product owner's manual.
15. Costs associated with removal of the Product from your home for repairs.
16. The removal and reinstallation of the Product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including the Product owner's and installation manuals.
17. Accessories to the Product such as lid bins, drawers, handles, shelves, etc. Also excluded are parts besides those that were originally included with the Product.

All costs associated with the above excluded circumstances shall be borne by the consumer.

For complete warranty details and customer assistance, please call or visit our website:

Call 1-888-542-2623 (24 hours a day, 365 days a year) and select the appropriate option from the menu, or visit our website at http://www.lg.com

Write your warranty information below:

Product Registration Information:
Model:
Serial Number:
Date of Purchase: